Paper March 1824 Un Hepatitis Sog Eldred HAMobbulg Frederick Four Mayland

Milliano Bradby Lylen M. D. This is respectfully dedicated, as but a small bribute for the many services in has rendend

The consideration of this disease has see cited the peris of the most able more in the people point, and brought forth the recentions of others, in every respect well calculated to dispuse the surrounding mists of the most intricate points, so as to render them comprehensible to the more ordinary capage cities,

This med not recite our surprige when we reflect, on the importance of the organo and the enterior influence which it cents over the humans bystem, and that in the Stine to often exhibited, disassaugure in the Sine to often exhibited, disassaugure in structure and deranged in function a a slight review also of the descense premises to the country in which we live, will readle us to ascertain that this is not the least frequents affection, with which the american

this med not some our dusprige

and the relevant influence which it exists are the heart and the heart and that in the fleet and the the fleet and the state of the state and appealed as a set of the state and a set of t

practioned has to contrud,

On the subject, I shall not fretend to offer any thing, new, - such an abtempt, in our, would be really observed particularly at this late privat and after this subject has been to ally considered by such gruttemen, as above discribed,

View of cheran, unless founded on an intimate acquaintance with organization in the organization is and function; the effect of drawger ment and also the tradition of an organ or facil affecting another when diseased either from continuity or sympathy, cannot profeshly be correct, and will not in the guerality of case, conduct us to happy terminations.

It may not . Therefore , I am persuado be assip to premise a short account

5

of the situation and Structure of the Siver, the better to understand the offenious deduced therefrom, respecting the diseases to which derangement is it structure and function give rise,

The Live is the layest organ and I may add, one of the most important glands, in the body he proportion to its sign is it importance and connection extrusive throughout the whole system.

The important organ is found setted in principally, in the upper aution and lateral paint of the abdonew, occur paying, completely, the right observation drium, the superior portion of the Chigastrie and a small part of the left observations regions.

In the Fotus, the seat of the Live is found to differ efectially, from that

of the adult. In the Halus it is obtraved to vocafy, more of the lift side
than of the right, about this him it is
found occafung mang at much of the
left as the right stypechandrium, gradnally, as the child advances in grass, change
ing its perition from lift to right, unlike
the lifth a start year, when it is some
siluntees as above described; from which
it is not removed during life, welfs
diseased a under the in fluence of
morbid actions.

The Sure is smeeth, uniform and course, on its upper Surface, on the lowering at law und concern, - It su prior surface, is in aloss contact with the conversity, of the Diaphrague. Its margin, in the Holus, is in contact with the abdument musters, because it faits lower than the margin of the ribe. Its inferiorcen-

<sup>-</sup> So the discription of the Silvation of the Wednest.



was surprior recions the course parties of the stomach, Dudamun and Colon.

I healthy adult Sime more extends lower than the margin of the ries except about the pit of the Stomach, but in the Talus, as already observed, it wite be bound quite different, when the Think or fourth small in the Talus, it wite be a some to file morely the whole superior perties of the cavity of the abdomaco. In thest, it cetends to the unblices, course the Stomach, and is in contact with the Spliter, It has two coals, my proper and printenal.

The Eighth month hings with it the development und growth of the other harts in proportion, about this time the Mermun begins to lengthway the concavity of the Deaphragme is



increased; thereby, enabling the Liver to relie bewalk the situagies of the The replection of the peritoneuns from the Surrounding plants upon the Liver forms its supporting, ligarments, however, the Live is not petained in its natural situation by those begannet alone, for the abdominal muscles, as is the case with all the viscera contained within the abdominal cavity, give The chief Support 's that viscus, It also receives additional Support from The Vena Cava, which reviews Iwo " Three views directly from it's Sub =

The broad suspension or falciforms ligament is composed of no lamina of Britonium, which desoruds, from the Middle of the Deaphryno



and end of the stiruum, to the Superior course surface of the Liver; it is thou reflected to each Lider, to form then up per smooth coat. The round or un bilical ligament of the Liver is formed, by the degenerations of the coals of the use. bilical view, which conveyed the florid blood home the placenta into the writer of the Liver, and Systems of the Falus .. M. may be brassed in its pulsage from the umbiliaus, along, the peritonoun, into the duplica tures of the broad ligament, and into the Fosa umbiliaalis. The pasterior surface of the Liver, where it is uncovered by the perise longum, is in close contact with a portion of the Tendow of the Diaphrojmi; alike uncovered by,



Dictorium, around this place of contact, is or floored the printerior, und Joint, what is called, the boroning ligament,

The periloneum is or flected from the Diaphagna, to ench side of the Tiver, wend forms its right and left lateral ligaments,

The postern part of the right below of the Live is found in contact with the right had very, white the left his on the left march of the Oclow, paper in mediality under the Colow, paper in contact with it and the Gato Madder, the latter of which of two gives it a yellow appearance, after death.

The commencement of the Duodenum, list, also in contact with the Gale



Madder, and it frequently, in like monne with the below, found inged with liter. This brust continues its course under the right lets of the Liver until it makes its turn, at which Blace, it is its contact with the Ridney.

othe defence took of the undilicat wie forms, in the tedel, the Figure when Fathing along the under concur sur face of the Liver, opposite to the hoad Suspensory, on the upper convex Surface, forms the unbilical Tipure. This fiture and the faterform ligament, descending from the Deapher

right and left lobes, into its Two qual right and left lobes,

There is running, acrep this figure another, forming, with it right angles. This is called the transverse figures. It was



crives all the principle wefsels of the Liver . In it, we Sir the Arteria Soportion and True Portarum rulering the Liver, and the Idepatie duct, passing Outer Near the middle of this figure we observe two prominences, which have received the appellation of Buta or gates; hence the name of Town Houlans un . has , been given to this dries , which Supplies the Liveo with traterials for the seem how of bile. This wiew divides into Two reclangular branches, which constitute the Sinus of the True goor= lurum, and occupies the chief Had of the pilsure. These weforts they depatio artery, Tina porto, and Biliary Cluck, in Common with Nirves and absorbeats, are enveloped by cellular Lubstanes, which receives a flactial covering from the Printoneuno, and is Called



The Capsul of Glifsaw, and by him, it was duppound to proper musculaily, SP his cellular investment proceeds with this various ramifications in the substance of the Liver, - To sides the Jury great lobes of the Liver, formed by the sum bitrace figure and falciforms by umrit, their are several smaller one, be of their, denominated

Smalle out. The of theor, dinomina
the Lobe les Spigelie is situated betworn the posterior hast or the houseone
pipear and the bru Eavey belonging
more particularly to the right side, it
recioes a small blood refer from

the vena porto.

A process of the Lobulus Spigelie yours the Lobulus Candatus,

The Gobalus Quarter or anonymous is found Situated between the



umbilient fifters and the depression for the reception of the Gale bladders. On the posterior margin between the left Lobe and the Labulus Stigrlie and vitt lobe of the Liver is observed a sulvers, called the posterior fifteer. It gives bedgement to the Ductus Venosus. which we find, in the adult, degenerated the acoust, degenerated the acoust,

There is server, in the Live, a Fourth gipture, which is destinated for the reception of the great as destinguished from the rest by the name of this war. Then Cook and is found the friend the found the freshim the Lebalus Spirition and the posterior had of the right letter. If the perioding remark, we are mulumly hought to the consideration of these thought to the said go to the Liver. The first and other of the most



imputant of which is the de palie Culty, Shis is a may Considerable hand of the bolline, and as before suggested, it penetrales the Liver at the great Thansverse Sifsun - previous to ils division and rutrance into the Live, it gives oft bunches which go to Supply, the byline afice of the Stomach, the Duoden um and Sancreasit hisides, Several Small branches pays from it to the time pater. This acting com municales puth the depate being, Bilian, duct and tria portarum, as has been as= custained by injection of It rules the Live and ramifies minutely in its Substances The Tona por laruw, which constitutes the great preculiarity of the organ now under consideration, enters the Liver at its porta, inveloped in

the the distinct the acting at he good of house the right branch which day with below on the liver, was housed the larged. The trunch bent on the last is the best which is alled the by the which is payed to I bid in the both the last time of payed 130 I bid.



Thisaust Capsale, in common with ale. the reports within that Thouth, This Welsel is composed of all those trius which corrispond to the baliace the Superior and infector Mefora hice ashiers, Cz= cefil those of the Supatio welling, These trius all uniling, i, E. the great and Small me praluce the former consisting of those him which rolum the blood from the I male Interlines. advon the middles mand right colie trius, passing ourse The Duode hum and pastinos to the Fanantas, it receives the great Malarie tiens which previously received The contents of the Gastio= spiploie and Coronary hims, with the lower thes= Entrue, which is compased of the Internal de amorrhoidal. and left Colie Nins, These Tries, as above Stated, weith the Ohe Common brunk, Called



the line porte. This great truste recions also the panenation theretinalis and broke friest

Immediately, on the entrance of the time. parto, site the Liver, it divides into Two great banches which go off nearly at right angles, to firm, what is called, the great Sinus of the Vina Tentarum .- The right branch of The division is the Shortest and layed; il divides sule This Imaller branches, which rampy minutely in the sub-Stance of the right libr of the sime. The left hanch is con-Siderally longer and proceeds to the cetrul of the great sinus; mas its and it is connected with the umbilical ligament, palready mentioned. This branch like the right. also ramifies minutely in the Sut-



- stand of the Liver,
The Vine Portainen, after taking upon
ittich the office of an wiley in
onerging the materials for secre-

elself into The Frua lava hepaliea. The Poris biliani conveying the with from the Oleini of which the Line drines to be completed, gradually, Col= Get themselves into larger branches. untill they write themselves inte Two greate ones, corresponding to The different lones of the Livery these is wine wich, and the de palie ne great ceculary duct of the Liver I have There great to forts an situated in such a manner, with regard to rach other. that the Billiary weet is antrior; the time losta postarior; and the array to the left of them.



Those Tries, which Correspond to the . artina depatica and Fina Holanum. unite at the Superior Plant of The Liver, and form the Three great trunks . Some times but Two called the Stepatic toins, These vains roughly them = deloes into the wild aminal Cava. This great telsel receives the blood of the Kidney's and inferior extremities; it runs up in a fifture, observed to the posterior Surface of the Liver, and in mediality princes to its presents ing the Diaphea, m. norices the Idepation trius - It is, some times, completely en= reloped by the Liver more particulary the Spigelian lobe.

The Know of the Leve un derived from the Semilunar Ganglians of the of the great Sympathelic or Intercostal. These Ganglians Lumish the



from which from the Selac Plexus, from
this plexus proceed a number of smalls
merous threads which go be from the
tothersh. altremenable to patic plexus.
There plexuses, tituabet be hind the the
mark and aires the Panceras, completely
burround the supake restory, and
time to the such proceed with them
in their minute countries, throughe
out the substance of the Siver, They
we also accompanied by Lover, They
were also accompanied by Lover, They
was threads from the Stomachie plexus,
formed by the Par tagues.

The Lymp haties of the Live an exbremely, necessary, and have been dieided the deep scaled and Superficial, which lively communicate with each other, The deep scaled unter and rates the Thoracie duel in the abdoment, The Superficial under and rates the



same duct in the Thorax. The intended limits of this stray, will not permit me to sule into the consideration of the minute Structure of the Liver, nor 'do d'eonosin it neveflary .- Suffice it to Lay, the Harenchyma of the Live, when presented to view, cx hitils the appearance of a reddish bown colour, and When cut outs, a moderately firm consistence. On the concave Surfaces of the right lobe of the Liver is observed a pil or depropion, in which is Situated The Gall bladder, which may be con-Sidered the common reservoir for The reception of the Secretion of the Line. It is of the Shape of a Pear, and gen = erally contained from one, to one and a , half ounces of bile; it possesses , a long curved neck, bending in such a man= ner whon itself, as sometimes, when



the Gold blacketse is my much distructed with hile, to form an acute augh, so, as & prevent the entire passage of its would fluid contracts into the bystic duet: This is the canal through which papers the bilo, from the Gall bladder to the Depatie duel, the union in this her dusts forms the Ductus communis choledochus; larger than either of the former. and is about Three Inches in longth, It processed through a small pertien of the Sunavas und a little to the right of the arteria Depatica, prostrate The muscular coal of the Duodenum, in which it proceeds from half to nearly, an Inch before it pierces the Villous Rout, to open into The cavity, of the Intestine. The prouline rout of this dual, prevent the retigrade move must of the bite. This dust when palsing the Sancreas generally receives



The dust from that gland, in which case the stepatic and Panenatic sterations become microt in the common dust. and are discharged in that slate, into the case, of the Durdensing in some instance, however, this is not the case. The Panenatic dust intern, the Generation dust intern, the Generation dust intern, the Generation dust intern, the Generation dust intern.

The bile, after bring secreted by the Live. is conveyed from that organ by apprepriate at theols to the Duodineum, where it is the hand to sheet a very brusite change whom the contains of the Interstines and to increase their matural presidentics metion.

The bile is a viseed bitter fluid frequently varying in cloar. Sometime a granish, but almost always of a bounded yellow; at other limes it is without colour. To the indefaligable presents of Morthund



and to Chypnistry, that prolitie Source of improvement, we are jude the for a knowledge of the constituents of human hite. It is composed, as shown by all. Thenarder experiments, of water, a yeleon insoluable, malle, Albumen, Resin, Soda, Phosphale of Soda and Sime Sulphale and Muriate of Soda and Bayd of brown. to thing, determinate has been edsentained in regard to the mature of the Panerealic Ireration. To the observations of Mr. Fudges, I'm an indebled for the anty information we profeels respecting it. At found it to he is colonites liquid, Highly saline to the laster by Evaporation elluriate of Soda was obtained, and the same sall was indicated also, by The exitate of Silver. Hener, we may conclude it to be analogous in composition, to Saliva. . In accordance with the course we have



actopted, we are next brought to the consideration of those diseases which are from a diseased state of the siver is which dipend for their existence, whom a dranged state of that organ. In doing this I shall not confine myself to any fractional nosological arrangement, but took of them to succeptation as they, may occur to me.

The Sever in common with every other part of the living system. is Subsect to in flammation, which by, anothers, has been directed who wend thronic. It is the fromme. Hat falls under our immediate consideration; of the latter, I that say but little.

a death she trabilis may be electioned Inflammalon from lension and prain in the right Suppochernotries, sometimes from fruit like the blessing, but generally



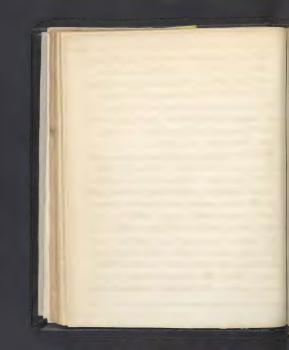
Obluso; the pain extending to the Clavicle and lop of the right shoulder, difficult lying on the left side, dyspineas try cough, bomiling and hiceough," to This we may add, a joundiced appear = aner of the Skin and eyes. The Three. latter Lymptoms, however, was not constant allendant whom in flow mation of the Livre, us some macheal wither have observed; but only accasionally accompany that distast as experience has fully shown. to the above discription may be added, a proqueat, Strong, and hard fuln, high colound tirine, is white dry Longue, Some how yellow. In the disease, the bowels are generally con-Shipaled, the slovis clearly indicating a Ob fective Villary Seere lions "When faundice appears, as a symptom

"Then fave die appears, as a symptom in this stirate, it is viery to the formation of Tumors in the Searce, which press on



The It woles communis cholodochus, the duct 10 to the Gall bladder, the He pakes dust, or the Donie beliarie; Thus preventing the papeage of bile tale the Duode news, it is therefore absorbed, and produces, in proportion to the dagree of obstruction, rether faundice Go the Jourdiced appraiance, we Some = limes observe in depalitis. Dir bullen Supposes on flammation of the Live to find its brigin, in some of the following causes: External violence, offilied Core the Situation of the Live; Certain passions of the mind, exciting the arteriol system; violent receise, acting, whom the same principle; Intermitted and Memelle at otheres, and the internal and external application. of cold; Here wor have the same cause

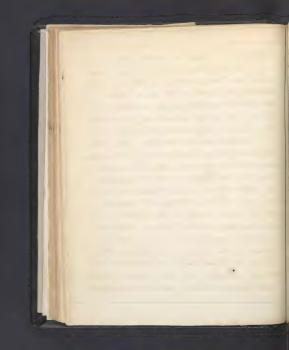
producing, Aspablis, that he duers Breemenia, hence, De bullen somerts, we in some tustances have the their diseases joined



logother to these he adds trazious solid Con = entions, or collections of liquid matter, I have her Simply summeded Do bulleast causes of Supatitis, without prelonding to determine which is the most frequent cause of that disease, or to account for the particular mounts to to hich they wiel. the vinciple undivations to be faifilled, in the healmost of Would Inflow me lion of the Liver, and the reduction of perturnals moi weile west, and the restoration of the natural healthy, functions of that organ, The romely which naturally covered to to, as hist calculated to unston the first indication, is blood billing, carried to an soland proportionale to the Strong the of. the pulse and violence of the diseaso .-As long, in pact, as the pain continues in the side and the pulse is full and Strong, blood belling, Jays Gir boldwell,



is the only remedy on which we can rely. Bleeding however should not com-Stitute our valy remody, in Slage of the disease. Burgations, in the mean while, Inouid be resorted to perely, and balomet, the one on which we should place most confidence. Is quicken its action, we may combine with it, Salak. The Saleno cathaches are also irrelled puryations, whon our object is to reduce bascular action, and Should therefore not be neglected, in this State of speits mout, En mans may here be resulted to, with much bringfil and relief to the palical. As anxilfary to these means. The antimonial preparations come in as very use for . The best of which is the Withale of Sotash in combination with Emstie Tarlar, in the form of the well known titrous antimonial pow=



der. It answer the second indirection, Seaching, capping, and after behindred sufficiently reduced. Bhalus applied over the regions of the Lover more fail to fiveletable the curs. Blister, howrow, it proceeds to all to rady, a precide, and previous to the reduction of asterial tectionary, alrowed here a Source of considerable mischiefe.

Should then seems frame imfriesate, morning, should be and minished with a free to Julia unthous of school in almost with a free to Julia unthous of school on with a free to school and or Governs franche such a free that the state of desirable par secultual frames Al is desirable for the state of desirable par who be questiff established, it ought therefore to be all ministered with a hiteral hund. In specifing of the whiles of through hund. In specifing of the whiles, of through the state of the seal hund. In specifing of the whiles



remark that " roll other modery land ment, in confirmed the public, are case police temporaries, or danguas to appreciate with the their remedies, in conjunction with the blood observance of the until the original

Street observance of the untiphlagistic regimen, rests the breakment of acute despolation

Her by inflowed betich Chamadrige the weath able the higgish Chronic Stepatitis, but in the little disease, they are generally milder is styres and ser also wearnfranced with more or less enlargement of the Liver.

The country of this kind at decongruent in the Liver, are those which tend to diminish in 'ver the circulation of the transfector was such as between the transfector was exception had, and a Sedenlary, and indentinal course of Life.

The heatment of this disease consists, in occasional bardings the applications of Cups, Speed, and blisters, to the right



Idypockrondrium, the latter the fit constantly open by the use of blistering bintmat. ed gentle mercurial / Hyalism continued for Some line. The Filrie word is exhibited, in This afrection of the Liver, with decided and Superior advantage, particularly, when the Lystem is low much de bilitated is in 6 the insprets unfit; to undergo a micurial comse. Exercise, in this clisease, is of Efratial Service and should not be neglicited. Mamorthoids and edseiles wer more forgurully connected with a decanged state of the Lives, Than we are awar of. This is very, intelligable on a little reflection. The Lione, in a Schirms State, denies to the blood, from the lower Litestines, a fire passage through that riseris, whomer the Friend from the Broturn brooms distanded and in = larged, burst and discharge their contents. The same obstruction to the possage of the blood through the Lever, giving rise to a perturnatural



distribon of the blood tofsels of the abdomen in gran real, produces an ineriased scenties of Lenn into that carry; horner the fermalicanof edsceles + Gysrating and Cholora morbes, primarily, arising from Intestinal irritation , seems or latter intends itself to the line, incling the whole biliary, apparatus, It is thus we have disrusts, treginally Intestinal, list to fo for Some lum, by a dreamged State of the Line, Dy spopsia cor not unfergurally and supported a aggreealed by Depatie desangement, Il amuli mises, in lite man ner, we observe conneled with a diserdered state of the. Sime, when might wer go on tore it merfany, enumer: uling, disease after disease, in some way connected with the Liver; but such accurer, we are persunded, is Interely unnecessary . With Richard in he firms, " that a part belongs to the department of a Gland when it purlation in the metion affecting the latter, during the process of secretion or when it et employed in functions outsurered to that of The Gland . Thus, our may say , that the Spice and

+ baldenles note to button has soy



most of the Visena of the abdomen are of the department of the Liver, since they furnish it with blood, on which to act. The Liver is also comprised in the sphere of activity of the Duodenum, since the distention of that Intestine irritates it, determines a more copions flowof its fluids, and a more abundant secretion of bile ? In the above remarks, we have clearly presented to view the extensive connection of the Liver and the consequest liability of that organo, to frequent derange ment. If in truth, almost any of the abdominal Viscera be made the Subject of disease, they implicate, more or left, the organ now under con= Sideration, which, from its importance in biluation and function, sooner or latter, brings into Sympathy the whole System.

Exchange connection of the diene and the conse-

Popled March 9th 1834 10. 2. H Dean South Myselling S. Marwing

